



## Traditional Thanksgiving Dinner Set At Y-12 Cafeteria

The annual and traditional Thanksgiving Day feast at the Y-12 Cafeteria has been scheduled for next Tuesday, November 23, when Y-12ers will dine bountifully on turkey and trimmings or roast beef and trimmings, according to individual tastes. For the occasion an elaborate and tasty menu has been arranged that includes all the features of story-book Thanksgiving dinners—and the entire meal as delivered at the Y-12 Cafeteria will cost only \$1. That includes even the tax.

The dinner includes soup or appetizer, choice of turkey or roast beef as an entree, two vegetables, salad, dessert, bread and butter and choice of drink.

For Y-12ers not desiring the entire meal, individual items may be obtained at a la carte prices as designated on the Cafeteria menu board. Even an assortment of sandwiches will be offered.

Here is the Thanksgiving dinner menu in full—so make your choice early and come early next Tuesday. Maybe the parade won't look much like the picture at the top of these columns—but you get the idea.

**CHOICE OF ONE**  
Puree of Split Pea Soup  
Grapefruit, Tomato Or Apple Juice

**CHOICE OF ONE**  
Roast Young Tom Turkey, Oyster Dressing  
Giblet Gravy and Cranberry Sauce

OR  
Roast Sirloin Of Beef, Au Jus

**CHOICE OF TWO**  
Fresh Buttered Green Peas  
Whipped Potatoes Pimento Corn  
Candied Yams

**CHOICE OF ONE**  
Sliced Tomato With Cottage Cheese  
Molded Cranberry-Orange Waldorf  
Stuffed Celery Head Lettuce

**CHOICE OF ONE**  
Hot Mince Meat or Pumpkin Pie  
Spice Layer Cake Cinnamon Roll  
Rolls Butter Coffee  
Iced or Hot Tea

## Christmas And New Year's Holidays Set December 24, 31

With Christmas Day and New Year's Day falling on Saturday, December 25 and Saturday, January 1, 1955 respectively; the two holidays will be observed in the Y-12 Plant on the Fridays preceding the two dates. On Friday, December 24 and Friday, December 31 no Y-12 employees will be required to work except those necessary for the continuous operation and protection of the plant. Of course, the annual Thanksgiving Day holiday will likewise be observed on Thursday, November 25.

## Absorption Spectroscopy Development Talk Subject

"Recent Developments in Total Absorption Spectroscopy" will be the topic of a talk by P. R. Ball, of the Oak Ridge National Physics Division, at the weekly meeting of the Oak Ridge Physics Seminar on Friday afternoon, November 19. The meeting will be held at 3:15 p.m. in the auditorium of Bldg. 4500, ORNL. No meeting of the Physics Seminar will be held on Friday, November 26 because of the Thanksgiving Day Holiday.

## Timekeeping, Pay Departments Moved

The Y-12 Timekeeping and Paymaster's Department now is located in new quarters situated in the southeast corner of the ground floor of the Y-12 Cafeteria, Bldg. 9711-5. The move from previous quarters on the first floor of Bldg. 9704-2 was scheduled to be completed on Tuesday of this week. The Timekeeping Office is in charge of Hugh P. Rice and Wilbert Hamby is Paymaster.

The new quarters not only provide more room for the two offices but also is more centrally located in the Y-12 Plant Area. This will be of convenience both to the departments concerned and Y-12 employees with business at the two offices.

## Radar Specialist To Talk At IRE, EE Joint Meeting

Dr. Robert M. Page, Associate Director of Research at the Naval Research Laboratory, Washington, D. C., will speak at a joint meeting of the Oak Ridge Section of the Institute of Radio Engineers and the American Institute of Electrical Engineers in Oak Ridge tonight. The meeting will be at 7:30 o'clock in the East Lounge of the Ridge Recreation Hall. Dr. Page's topic will be "Detection of Ice and Hurricanes by Radar" and Y-12 members of both organizations are urged to attend the session.

Dr. Page will describe development of radar, which was originated at the Naval Research Laboratory in 1934. He also will explain and show pictures of detection of icebergs and hurricanes at sea through radar.

## Group Will Pick Safety Awards For 12th Period

Meeting Set Thursday; Varied List Of 20 Articles To Be Seen

A Y-12 Safety Award Selection Committee will meet at 10 o'clock tomorrow morning, Thursday, November 18, to select seven articles from which Y-12ers will choose their individual safety awards for the 12th Carbide Safety Period established in the Y-12 Plant Area. A collection of 20 attractive articles has been obtained for viewing by the committee, which will pick seven for a final choice by all Carbide employees in the Y-12 Plant Area eligible for the prizes.

The meeting will be held in the conference room of the Y-12 Cafeteria at the extreme western end of the dining room floor of the building.

Employees on the Carbide payroll during the inclusive dates of the Company Safety Period—July 31-September 27—are eligible to receive awards. During that time the Y-12 Plant operated 1,889,628 hours without a disabling injury over a span of 59 days.

The roster of the Safety Award Selection Committee by departments with building addresses and plant telephone numbers follows:

**Mechanical Operations**—J. E. Hargis, coordinator, 9709, 7714; Guy Seeton, 9204-4, 7367; Frankie DuBose, 9212, 7-8336.

**Manufacturing Office**—Athala Markland, coordinator, 9764, 7308; T. A. Norcross, 9704-2, 7-8321; Dorothy Parker, 9720-6, 7-8348.

**Maintenance**—W. T. McNamara, coordinator, 9739, 7124; C. J. Green, 9201-3, 7186; J. S. Morgan, 9212, 7-8384.

**Chemical**—Joe Brown, coordinator. *Continued on Page 4*

## SAFETY SCOREBOARD

The Y-12 Plant Has Operated  
47 Days Or  
1,481,778 Hours  
(Unofficial Estimate)  
Without A Lost Time Accident  
Through November 14



C. N. Rucker, Jr.

## Federal Law Violations Bring Heavy Penalties

The attention of all Y-12ers again is called to provisions of federal laws that provide for heavy penalties in case of conviction for theft or embezzlement, malicious mischief, making false statements within the jurisdiction of a government agency or similar offenses against the United States. As employees in a defense plant, Y-12ers also are subject to the espionage and sabotage provisions of federal laws that provide for even heavier penalties.

### Liabie To Fine, Imprisonment

Here is the text of Sections 641 and 643, Title 18, U. S. Code on theft and embezzlement:

"Public money, property or records—Whoever embezzles, steals, purloins or knowingly converts to his own use or the use of another, or without authority, sells, conveys or disposes of any record, voucher, money, or thing of value of the United States or of any department or any agency thereof, or any property made or being made under contract for the United States or any department or agency thereof; or whoever receives, conceals, or retains the same with intent to convert it to his own use or gain, knowing it to have been embezzled, stolen, purloined or converted—shall be fined not more than \$10,000 or imprisoned not more than 10 years, or both. (The word 'value' means face, par or market value, either wholesale or retail, whichever is greater.)"

### May Include Espionage, Sabotage

It is pointed out that theft of strategic or classified material may involve sabotage or espionage. *Continued on Page 4*

## Rucker Appointed Torrance Plant Superintendent

Carbide's First Y-12 Top Man Will Direct Polyethylene Work

Y-12's first Plant Superintendent under the Carbide and Carbon Chemicals Company regime that started in this plant on May 4, 1947—Claude N. Rucker, Jr.—has been appointed Plant Superintendent of the new Carbide polyethylene plant soon to go into operation at Torrance, Cal. Mr. Rucker was sent to the California plant from Carbide's South Charleston, W. Va., plant where has been Superintendent in charge of the Gas and Utilities Department.

The great demand for products made from polyethylene, manufactured by Carbide and marketed by the Bakelite Company—both Divisions of Union Carbide and Carbon Corporation—has resulted in construction of three multi-million dollar plants. One now is in full scale operation at Texas City, Tex., another is located at Seadrift, Tex. and the Torrance plant now is being readied. To meet the needs for this plastic, the three polyethylene plants are expected to produce 250,000,000 pounds of the material by 1955.

### Became ORNL Director

Mr. Rucker served as Y-12 Plant Superintendent from the date Carbide took over operations in this plant until February 10, 1948, when he was transferred to the Oak Ridge National Laboratory as Director when the Company took over operations of the Laboratory for the Atomic Energy Commission. He was succeeded as Y-12 Plant Superintendent by Dr. Clarence E. Larson, who in turn remained at the Y-12 helm until February 1, 1950, when he was transferred to ORNL to succeed Mr. Rucker as Director. The latter *Continued on Page 4*

## Y-12er, Engle Will Attend CD Heavy Rescue School

Arthur Ogden, of the Y-12 Buildings and Grounds Department and chief of the rescue service in the Oak Ridge Civil Defense setup, will attend a five-day schooling at the Rescue Instruction College of the Civil Defense Administration at Olney, Md., November 15-19. He will be accompanied from Oak Ridge by Charles Engle, assistant coordinator for Civil Defense for the city.

The course at the Olney school will include instruction in new techniques in heavy rescue work in civil defense work. Ogden and Engle will bring back their new ideas for use in heavy rescue taught in the weekly classes held at the rescue tower on the Oak Ridge Turnpike.

In addition to classes for men, which have been well attended by Y-12ers, the heavy rescue instruction work also has attracted a number of Oak Ridge women. One team of 12 women already has graduated in the course and another group now is taking the instruction.

## 'Harvest Ball' Saturday Night At Oak Terrace Offers Good Time For All Y-12ers And Friends

A hopping good time is being planned for a large crowd of merry-makers from 9 p.m. to 1 a.m. Saturday night, November 20, at the Oak Terrace ballroom when the Y-12 Girls Club will stage its "Harvest Ball." Advance interest in the affair indicates it will be one of the season's top social shindigs for Y-12ers and their friends, who are cordially invited to come out for the fun Saturday night.

Dress for the "Harvest Ball" is optional and music for the dancing

will be provided by Larry Dunn's orchestra.

During the festivities two turkeys will be raffled off with the proceeds of the raffle going to assist an orphanage in Knoxville to care for its unfortunate youngsters. Verna Peckman is in charge of details of the raffle.

Tickets for the "Harvest Ball" as well as for the turkey raffle may be obtained from members of the Y-12 Girls Club. The dance tickets sell for \$1.25 per person if purchased before the affair but will

cost \$1.50 each if bought at the door. Evelyn "Fiz" Tucker is in charge of ticket sales.

Attractive decorations also are being planned for the "Harvest Ball" and this phase of the function is being handled by Virginia Boswell for table decorations and Sue Wassom for stage backdrop depicting the season.

The Girls Club recently lowered its annual dues to \$6 per year as an attraction to more women employees of the plant becoming members.



# The Bulletin

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GEORGE W. DOBBS . . . Editor

OFFICE  
Bldg. 3704-2 Room 205  
Telephone 7753

## Two Y-12ers Promoted Effective November 1



L. M. Fitzgerald K. F. Martin

Two Y-12 employees received promotions to Supervisory positions, effective November 1.

Louis M. Fitzgerald, who had been a Junior Laboratory Analyst in the Special Testing Department of the Technical Division, now is Assistant Laboratory Supervisor in the department. He came to work in Y-12 on October 10, 1951.

Keith M. Martin was an Instrument Mechanic in the Electrical Maintenance Department of the Maintenance Division until his promotion to Foreman in the same department. He has been a Y-12 employee since April 18, 1951.



The following Y-12 employees were patients in the Oak Ridge Hospital last week:

B. B. Bell, Instrument Engineering; Mark T. Johnston, C. G. Treece and D. B. Blackburn, Field Maintenance; C. S. Hutchison, Transportation; Elmer Killion, Research Services; James M. Miller, A Mechanical Operations; C. L. Jones, Electrical Maintenance; T. J. Knudsen, General Machine Shop; Betty Sue Huntley, SDA Development; Charles Phillips, Beta Four Maintenance; Cleveland Cannon and Otis Kirk, Janitors.



Congratulations to Michael Get-sie, Electrical Maintenance, who became father of a baby girl born November 8 at the Oak Ridge Hospital.

### EARLY NEWS NEEDED BY THE Y-12 BULLETIN FOR DECEMBER 1 ISSUE

Because of the Thanksgiving Day holiday on November 25, all contributors of news and pictures for the issue of The Y-12 Bulletin on Wednesday, December 1, are urgently requested to have their material in the office of the plant newspaper, Room 223, Bldg. 9704-2, by Wednesday of next week, November 24. This particularly applies to any pictures accompanying news stories.

## Westinghouse Aide To Address Joint Meet

Dr. E. A. Gulbranson, consultant to the Westinghouse Electric Corporation, will address a joint meeting of the Oak Ridge Chapter of the American Society of Metals and the East Tennessee Section of the National Association of Corrosion Engineers tonight in Knoxville.



Dr. Gulbranson

The meeting will be at 8 o'clock at the S & W Cafeteria and all members of both organizations and the public is invited to attend.

Dr. Gulbranson's subject will be "The Classical Theory of Diffusion as Applied to the Oxidation of Metals." In his talk the speaker will discuss the mechanism of metals and alloys and also will consider the role of defects in transporting matter through solids. The theory of diffusion will be applied to the reaction to clarify the role of the entropy and heat of formation of diffusion.

## Metals Society Plans Educational Lectures

A series of three educational lectures will be given under the auspices of the Oak Ridge Chapter of the American Society for Metals on successive Tuesdays—November 30, December 7 and December 14. The lectures will be given in the auditorium of the Oak Ridge Institute of Nuclear Studies building and will cover application of metallurgy to problems in machinery, heat treating and joining of metals.

The first lecture on Tuesday night, November 20, will concern machinery and machinability and will be given by Norman Zlatin, of Metcut Research Associates, of Cincinnati, Ohio. The second talk will be given by Dr. E. E. Stansbury, professor of metallurgy at the University of Tennessee, Knoxville. He will discuss heat treatment of metals on the December 7 program. The final lecture on December 14 will be given by Anton L. Schaffler, of the Allis Chalmers Co., Milwaukee, Wis., and cover the joining of metals.

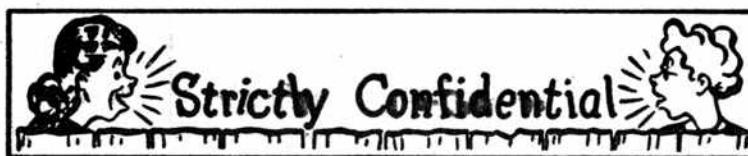
The public is invited to attend these meetings as an educational service by the American Society for Metals. All members are urged to attend each of the lectures. Refreshments will be served after each meeting.

## Carbide Editor Appointed To ORINS Information Post

Thomas F. X. McCarthy, who has been editor of two of the three Carbide plant newspapers in Oak Ridge since coming to the city in 1944, has been appointed head of the Information Department of the Oak Ridge Institute of Nuclear Studies, effective November 22, it has been announced by Dr. William G. Pollard, executive director of ORINS. McCarthy has been editor of the Oak Ridge National Laboratory News since 1951 and was the first editor of the Carbide Courier, when that publication was started at K-25 in October, 1945.

He also has been connected with the old Oak Ridge Journal and the Oak Ridge Times as well as with the NEPA Project of the Fairchild Engine and Airplane Corporation, where he served as editor of the NEPA News as well as a technical reports writer.

McCarthy succeeds Dixon Johnson at ORINS, Johnson resigning recently to enter public relations work in New York City.



Friend of the colyum recently bought his wife a mink outfit—a rifle and a trap—no, it wasn't Ross Eichorn, Property Sales' gift to the authoring trade.

Well, the corn crop seems to be a little bit light this week—but here we go — bringing in the sheaves.

### ALLOY

H. H. Howard is 'way up Nawth—Dayton, Ohio, Detroit, Mich., and Canada . . . John Crowe took off in the other direction to vacation in Georgia last week . . . So did Bill Hubbs . . . That's all she wrote.

### CHEMICAL

Product Processing reports Gene Goodwin, accompanied by his wife and daughter, are vacationing in the sunny (most of the time) shores of Miami Beach and other points in Florida.

R. Adams, H. R. Butler, L. E. Christopher and F. J. Hawk are Chemical Department vacationers—no doubt taking advantage of the Injun Summer weather to enjoy outdoor life hereabouts or thereabouts . . . Speaking of Indian Summer—hope we don't have to give it back to the Indians.

### INDUSTRIAL RELATIONS

J. H. Shoemaker was the Guard Department vacationer of the week.

Juanita Reed, of Security, returned to her post last week after an illness—she also had as her guest her mother from Paterson, N. J. . . . Betty Whitehorn still was on the sick list last week and got a lot of get-well wishes . . . Margaret Adcock and her husband, Bill, a former Y-12er, are proud parents of a son born November 9.

Martha Robinson was welcomed to the Employment Department last week—she came over from K-25 . . . Louise Gardipee is vacationing at home in Concord.

Bill Monroe, of the Cafeteria, is vacationing this week and trying to down him a deer over in the Tellico Plains hunting grounds.

### MAINTENANCE

Cheryl Jones, Planning and Estimating, is traveling around quite a bit on vacation—from here to Atlanta, Ga., and thence up to Cincinnati, Ohio.

H. F. Plyman, Field Maintenance, is down in Alabama this week visiting kinfolks . . . J. L. Henderson and C. R. Webber also are vacationing . . . Likewise W. L. Beeler, taking care of his new daughter . . . H. T. Spires is doing a two-week hitch in the Navy at the Great Lakes Training Station—started November 12.

Beta Two sends word that J. R. Bearden, Jr., is visiting his father in Alabama while vacationing.

Those frenzied feminine football fans—Virginia Boswell, of Alpha Five; accompanied by Athala Markland, Methods Engineering; and Kay Steed, Manufacturing Office; were vociferous vocal supporters of the Oak Ridge Wildcats in their game against Baylor at Chattanooga last Friday night.

### MECHANICAL OPERATIONS

Jim Thorpe, of the General Machine Shop, attended the Metals Show last week in Chicago . . . J. Taylor is welcomed as a new employee . . . Get-well wishes are sent T. J. Knudsen and L. C. Bell—both on the sick list . . . C. P. Wilkins vacationed last week in Knoxville . . . Deepest sympathy was extended to W. J. Barker, whose father-in-law, William Marcum, died last week in Manchester, Ky.

Gent just looking over the colyum conductor's shoulder saw an item "stretch socks, fits size 9½ to 14" in safety award selection—wanted to know if they were for guys whose feet ain't mates.

### MANUFACTURING OFFICE

Betty Lou Fraker, Technical Information, entertained William Walker and his twin sister, Wilma, at a birthday party last week.

S. P. Cook, Office Services, is vacationing at unreported destinations this week.

Earl Goode and family were vacationing last week from the Cashier and Travel Office and went down to Atlanta, Ga., to see that, oh so sad, Tennessee-Tech football game . . . Sue Gragg also was on hand for those gridiron festivities.

Ira Shotts, of the Time Office, is vacationing at unreported destination vacationer of the week.

Sarah Frye and Billie Rather, of Property Sales, journeyed over to Cookeville last week end to see the former's daughter, Barbara, a student at Tennessee Polytechnic Institute.

J. W. Leinart, Stores, is visiting relatives in Nashville this week.

Product Inspection reports Louis Albright and Walter Moore vacationing.

### TECHNICAL

J. C. Bresnahan, Project Engineering, vacationed last week at home in Knoxville.

Carl Stone, Civil and Architectural Engineering, was another last week vacationer.

Getting acquainted with his new daughter, born November 9, occupied most of the time of W. I. Galyon, Mechanical Engineering, as he vacationed last week.

Faye Duncan, Special Testing, was among the ailing last week and got a flock of quick-recovery wishes from friends.

Paul J. Long, ADP Development, is vacationing this week . . . The department extends well-wishes to R. M. Wolfe in his new job in Chattanooga.

SDA Development was sending rapid-recovery wishes to Betty Sue Hunley and T. P. Sprague, both on the sick list last week.

This one concerns the African king whose intelligence agents brought him news that anthropologists were heading his way seeking his golden throne. The king decided to hide the throne in the attic of his rustic hut. However, as the monarch slept, the flimsy edifice collapsed and the throne crashed onto the king in his bed below.

The moral of the story is—People who live in grass houses shouldn't stow thrones.

Y'all come up and see the handsome prize won last week by the colyum conductor by unanimous vote of admirers and in front of witnesses.

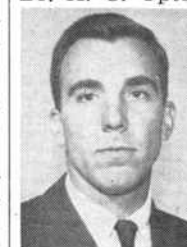
## ORFAC Plans Publication; Several Y-12ers Are Active

The Oak Ridge Facts Advisory Council, with a number of Y-12ers in key roles, is planning a publication within the next few weeks showing the costs of the present Oak Ridge government per person and per family. The ORFAC is a citizens' group preparing for property disposal discussions next month.

A. K. Bissell, of the Y-12 SF Control Department, is chairman of the Library and Recreation Committee of the ORFAC, and also is Parents' Advisory Council representative on the group. Dr. Charles Sullivan, Y-12 Medical Director, is medical consultant to the Health and Welfare Committee. Other Y-12ers on the council include Walter C. Moore, Superintendents, Public Works and Electricity Committee; Mabel Tyer, Chemical Process Division; and L. E. Burkhart, Laboratory Operations; both on the Library and Recreation Committee.

## ASME To Hear Talk On Radiation Injuries

"Radiation Injury In Man" will be the subject of an address by Dr. A. C. Upton at a meeting of



Dr. A. C. Upton

the Oak Ridge Section of the American Society of Mechanical Engineers in Oak Ridge tomorrow night, Thursday, November 18. The meeting will be held in the Starlight Room of the Oak Terrace. Dinner will be served at 6:30 p.m. and the business meeting will start at 7:45 p.m. All Y-12 members of the ASME Section are urged to attend.

Reservations must be made before 4:30 p.m. on the day preceding the meeting. Y-12ers may make reservations by telephoning W. R. Gall, 7677. Those who cannot attend the dinner are urged to attend the business meeting.

Dr. Upton is Chief of the Pathology and Physiology Section of the Biology Division of Oak Ridge National Laboratory in the Y-12 Plant Area. He received his M.D. Degree from the University of Michigan and is certified by the American Board of Pathology.

As a background, he will discuss the general biological effects of radiation on living cells. The effects of both massive irradiation and flow dosage irradiation over a period of time also will be described. Examples of massive irradiation are the survivors of the atomic bomb explosions at Hiroshima and Nagasaki, Japan, that brought World War II to an end. Low dosage exposure is of particular interest to anyone engaged in experimentation with radioactive materials.

## Playhouse To Offer Melodrama 'The Man'

"The Man," a melodrama about a Jekyll-Hyde character in a homocidal groove, will be presented by the Oak Ridge Community Playhouse on Thursday, Friday and Saturday of this week, November 18, 19 and 20. The production will be staged at the Jefferson Junior High School with curtain time at 8:20 p.m.

Although no Y-12ers or members of their families are cast in roles of the play, several will be active in back stage capacities. Phillip Bremen, of Production Engineering, is production manager for all of the Playhouse shows this season. His wife has assisted in constructing scenery for "The Man" and Dorothy Alford, wife of Dave Alford, of Beta Two, is helping with costuming.

Leading roles in "The Man" are played by Betty Osborn, Dave Jacobs, Patty Braker and Clyde Claiborne.

## Three K-25 Employees Get 25-Year Service Watches

Three Carbide employees at the K-25 Plant who have completed 25 years of Company Service were among the 119 men and three women who attended a banquet and ceremonies in honor of quarter-century employees at South Charleston, W. Va. Oct. 29. They were Oral Reinhart, A. F. Stephenson and R. G. Ingram. Each received a handsome gold watch in recognition of their service with the presentation being made by H. B. McClure, president of Carbide and Carbon Chemicals Company.

The courtesy germ is easily spread.





**HERE IS A WORTHY CONTENDER** for the best sauger pike in the 1954 Y-12 Annual Fishing Contest. The whopper was caught and entered by James Taylor, General Machine Shop. It was taken from Poplar Creek near Blair Gate. The 1954 Annual Fishing Contest closes at midnight December 31 with all entries required to be sent to the Y-12 Recreation Office not later than January 15, 1955.

## Keglerettes Of Y-12 Capture First Round In City Pin League

**Ruby O'Kain Posts 566 Series As Team Whitewashes Stinkers**

The Y-12 varsity keglerettes rallied strongly last Thursday night to regain first place in the Oak Ridge City League and capture top honors for the first of three rounds of play in the league. The Y-12ers swept four points from the third place Stinkers to pass the EAT lassies, who were only able to divide their four points. The Y-12 margin of triumph over the second place team was a bare one-half point.

Bolstered by the return of Juanita Reed, who had been ill for several days and missed a couple of bowling nights, the Y-12 lassies really turned the heat on the Stinkers, who battled all the way. The Y-12 team also has missed the services of Betty Whitehorn because of illness. The line scores were 742, 790, 744—2276 for Y-12 and 735, 650, 739—2124 for the opposition.

Ruby O'Kain paced the Y-12 attack with a fine 566 series, starting with a 148, then posting a sizzling 226 and winding up with a 192. Juanita Reed was next with 164, 163, 143—470; followed by Doris Walton 151, 130, 159—440; Mavis Koons 12, 153, 126—421; and Dot Park 137, 118, 124—379.

## Screw Balls Blanked, Rusty Five Divides

The Screw Balls were bounced around in rude fashion last week in the C League of plant bowlers as they took a whitewash defeat at the hands of the up and coming Hot Wires. The Rusty Five made a slight gain on the leaders but overlooked an opportunity to take over the loop top spot as they divided with the Electrons. In other league matches the C Shift keglers conked the Deltas for three points and the Glass Arms and Hornets were idle.

Bill Hays, of the Rusty Five, kept his team in the running with top scores in three categories—205 scratch game, 235 handicap game and 516 scratch series. J. C. Booher, of the Hornets, had the top handicap series of 623. The Hot Wires had the top team scores of 2140 for a scratch series, boosted to 2809 with handicap. The Deltas posted a 758 scratch game and the C Shift a 979 handicap game for the best of the night.

League standing after bowling last Wednesday night follows:

Team	W	L
Rippers	30	14
All Stars	30	14
Wasps	29½	14½
Bldg. 9211	27	17
Has Beens	24	20
ADP	23	21
Rebels	21	23
Swingsters	20	24
Tigers	18½	25½
Bumpers	18	26
Wolves	13	31
Cubs	10	34

## All Stars, Rippers Tied For B Round; Spears Bowls 600

Closing with a rush, the All Stars tied the Rippers for first place in the opening round of play in the B League of plant bowlers last Thursday night. The Stars socked the Has Beens for three points while the Rippers were ripping at the seams and were stung by the Wasps by the same margin. Both teams ended the round with 30 points won and 14 lost. They will play off the tie at a later date.

In other league action last week whitewash wins were posted by the ADP outfit over the Bumpers, Swingsters over the Cubs and Bldg. 9211 over the Tigers. The Rebels trimmed the Wolves for three.

Jack Spears was the top dog in individual scoring as his scintillating scratch series of 600, boosted to 672 with handicap and top flight bowling in anybody's league, gave the Rebels a big lift. H. W. Zang, of the Wasps, had a 223 scratch game and 250 handicap game for tops. The Wasps took most of the team scoring honors with an 873 scratch game, 2487 scratch series and 2934 handicap series. The ADP pinsters got into the act with a 1032 handicap game for tops.

League standing follows:

Team	W	L
Rippers	30	14
All Stars	30	14
Wasps	29½	14½
Bldg. 9211	27	17
Has Beens	24	20
ADP	23	21
Rebels	21	23
Swingsters	20	24
Tigers	18½	25½
Bumpers	18	26
Wolves	13	31
Cubs	10	34

## Volleyball League To Form Wednesday

With five teams definitely in line and another with bright prospects for early organization, the Y-12 Plant Volleyball League is expected to be permanently organized for the season at a practice session set for tonight at the Elm Grove School gymnasium. The drills will start at 8 o'clock with two sessions, the second starting at 9 p.m. and all teams presently organized as well as players wanting to take part in the sport are asked to be present.

Teams already organized and practicing are the Duds, Uranium Control Junior Varsity, Bldg. 9212, the Fire Department and a group from Bldg. 9201-3 managed by Charley Hamrin.

## Badminton Boys Seek More Teams

Spence Wallace, the veteran badminton performer around Y-12, reported a good turnout at the first practice session of the season. Among the battledore and shuttlecock boys battling the bird around last week were Wallace, Channing Brown, Bill Moles, Al Fisher and Ralph Ford.

Practice sessions will continue every Thursday night at the Jefferson Junior High School gymnasium from 7 p.m. to 10 p.m. Y-12ers interested in the sport and desiring to form or join a team in a league are asked to communicate with Wallace at plant telephone 7-5884, Bldg. 9212; or the Y-12 Recreation Office, plant telephone 7753, Bldg. 9704-2.



**THE ELECTRONS BOWLING TEAM OF THE C LEAGUE ARE DANGEROUS** to the opposition on any given night. Shown above, squad members are, seated from left, Capt. H. G. Tillery, Max Lawson and Gene Dusino. In the rear are L. P. Wynns, Don Troutman and Tom Bishop.

## Lots Of Hunting Will Be Open To Y-12ers During Remainder Of Month Of November

Lots of special area and state wide hunting of many varieties of game will be opened to Y-12 nimrods during the next couple of weeks on field forays. Fishermen also are expected to make plenty of trips to their favorite streams and lakes if the good weather continues.

Deer still hunts are being staged in several Wildlife Management Areas during the next few days. Periods set for such hunts are November 19-20, 22-23, 26-27 and 29-30 in the Andrew Johnson, Ocoee, Cove Creek, Shelby, Tellico, Big Ridge, Norris, Central Peninsula, Cheatham, Falls Creek Falls, Kettlefoot, Laurel Fork and Prentice Cooper Areas.

At the same time European boar hunts are being staged at Tellico and bear still hunts at Falls Creek Falls, Ocoee and Prentice Cooper. Duck and geese hunters will begin action today, November 17, when the season opens on those fowl as well as on mergansers, brant and coot.

On November 25 the season opens on quail, rabbit and ruffed grouse. Ring-neck pheasant hunting may be done only by special permission of the Tennessee State Conservation Commission.

From November 27 to December 1 grouse, quail, rabbit, squirrel and razor back hog hunts will be held at Catoosa. Rabbit, quail and squirrel hunts will be held at Cedars of Lebanon Area November 29-December 4.

## Riflemen Of Y-12 Split With Labsters

Riflemen of Y-12 competing in the Oak Ridge Winter League split even last week against gunmen of the Oak Ridge National Laboratory. The Labsters won out by 883 to 860 in scratch firing but the Y-12ers took handicap honors by 969.971 to 968.975.

The top scratch scorers for Y-12 last week were R. W. Miller 177, W. D. Cunningham 176, R. L. Vanderpool 174, W. R. McIntosh 167 and C. G. Brewster and H. F. Harris, tied at 166.

In handicap firing Y-12 scores were Miller 195.456, Vanderpool 194.738, Harris 194.560, Cunningham 193.537 and R. L. Henry 191.680. J. R. Helton, R. C. McHenry and H. V. Williams also fired with the Y-12 squad.

Taking off on Thanksgiving night, the Y-12ers' next opponents on the range will be the K-25 men on Thursday night, December 2.

Dachshund—half a dog high by dog and a half long.

## Prospects Bright For Y-12 Plant Basketball League

**Five Teams Drilling; Recreation Office Arranging Sessions**

A speedy organization of a Y-12 Plant Basketball League for the coming season is indicated as five teams already have tossed their entries into the hopper and interest is growing in the loop throughout the plant. The deadline for teams to enter the league has been set for Friday, November 26, when it is expected that a circuit of at least eight teams will be formed.

**Practice Monday And Wednesday**

Meanwhile practice sessions will be held every Monday and Wednesday nights. The Jefferson Junior High School gymnasium has been obtained for the prospective plant leaguers from 6 p.m. to 10 p.m. This period will be divided into one-hour periods for team use and reservations must be made in advance at the Y-12 Recreation Office, Bldg. 9704-2, telephone 7753. Reservations will be made on a first come, first served basis.

Teams now engaged in practice sessions are Maintenance, managed by Claude "Lefty" Carter; ADP, piloted by J. Bryan; B Shift Bombers, led by C. Shotts of Bldg. 9204-4; and another bunch of cagers organized by James "Jiggs" Seivers, of the Clearance and Pass Office and so far unnamed. Still another outfit in the scramble is an unnamed team from Bldg. 9206.

**Shift Teams Get Preference**  
The Recreation Office will especially welcome teams composed of shift employees in order to extend the sports program to as many employees as possible in Y-12. The league schedule will be so drawn as to accommodate such shift teams with playing dates arranged for their convenience.

## 10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

**Conrad McPeters**, Guard, November 18.

**J. P. Wheeler**, Product Processing, November 19.

**David R. Carter**, Field Maintenance, November 20.

**Lewis E. Selvidge**, Field Maintenance, November 20.

**Ovelia W. Goad**, Product Processing, November 20.

**Roy E. Hale**, Timekeeping, November 21.

**Margie M. Giles**, Product Processing, November 22.

**Hillman N. Wright**, General Machine Shop, November 22.

**Ernest F. Sosby**, Processing and Utilities Operations, November 23.

**Wilma C. Rodgers**, Product Processing, November 24.

**Eugene F. Dykes**, Field Maintenance, November 24.

## Accountants Plan Forum On Control Of Budgeting

A discussion forum will be held by the Oak Ridge-Knoxville Chapter of the National Association of Cost Accounting tomorrow afternoon and night, Thursday, November 18, in Knoxville and any Y-12er interested in industrial accounting is invited to attend. The forum will be held from 3 p.m. to 6 p.m. and from 7 p.m. to 10 p.m. in the Business Administration Building of the University of Tennessee. The theme of the forum will be "The Control Side of Budgeting."

## Y-12 SPORTS

### Varsity Pinsters Larrup Legionnaires

The Y-12 men's varsity bowling team clung to its one-point lead in the Oak Ridge City League in alley activities staged Monday, November 8. The Y-12ers turned in a three-point victory over the American Legion keglers. At the same time the second-place Clinton Bedding team, also composed of Y-12 bowlers not on the varsity team, held grimly onto their spot in the standings.

The Y-12 pinmen posted games of 830, 827, 856—2513; to 799, 831, 768—2398. The second game edge of the Legionnaires by four pins was the only time they came close.

Veteran Frank Gragg again topped the Y-12 individual scorers, starting out with a ripping 208 to lead the team in single game scoring and adding a 147 and 186 for 541. Close behind was Ernie Cobble with 175, 181, 178—534; then came Frank Zupan 148, 194, 178—520; Jack Spears 150, 163, 169—482; and Joe Pryson 149, 146, 145—440.

### Y-12 Pistoleers Get Even Break

The pistol team of Y-12 broke even in its match against Oak Ridge National Laboratory last Friday night, winning handicap firing by 1435.741 to 1426.477 but losing in scratch scoring by 1278 to 1225.

The top five scratch scorers for Y-12 were J. C. Ezell 267, W. R. McIntosh 243, T. J. Bush and R. L. Vanderpool 242 each and P. H. Williams 241. The top handicap man for Y-12 was not even among the leading scratch scorers. He was D. R. Alford with 288.212. Other handicap scores by Y-12ers were Bush 288.455, Vanderpool 287.107, Ezell 286.588 and M. L. Woodard 286.352. Others firing were R. H. Rowan, O. C. Beatty, R. L. Lay, A. V. Bible, C. G. Brewster and J. C. Scott.

The Y-12ers' next match will be December 1 against K-25.



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## Group To Pick Safety Awards On Thursday

Continued from Page 1

tor, 9212, 7649; Katy Gulley, 9212, 7335; W. R. McClellan, 9206, 7568.  
**Technical**—Frank Fuis, coordinator, 9739, 7666; Ann McWilliams, 9212, 7-8253; Juanita Easley, 9203, 7246.

**Alloy**—C. K. Valentine, coordinator, 9204-4, 7-8297; Betty Jo Griffith, 9204-4, 7225; Frances Donahue, 9723-19, 7-8200.

**Industrial Relations**—E. L. Bentley, coordinator, 9704-2, 7741; Doris Walton, 9706-2, 7157; Arnold Tiller, Bldg. 9704-2, 7382.

**Shift Superintendents**—Vivian Normand, 9706-2, 7172.

**Oak Ridge National Laboratory Research**—Joyce McGee, coordinator, 9704-1, 7-8287; Dorothy Alexander, 9201-3, 7129; Edna Seivers, 9731, 7-8271.

The 20 articles that will be viewed by the Safety Award Selection Committee tomorrow include a wide variety and quite a divergence of opinion may be expected when a vote is called. However, any of the 20 should prove most acceptable to almost any Y-12er.

Here are the articles:

**Alarm clock (not electric), three-blade Boker pocket knife, wind-proof ash tray, nylon bristle automobile washing brush with aluminum extension connection, lawn sprinkler, pruning shears, quart spoon-mouth Thermos bottle, twin hamburger press, French fry potato cutter, two and one-half inch jaw vise, Can-O-Mat can opener, Rubber-maid bath mat 18 by 30 inches, towel ensemble including one bath towel, two guest towels and two face cloths; three pair stretch socks to fit sizes 9½ to 14, leather key case, leather pocket manicure set, man's billfold, man's money clip, Zippo wind-proof cigarette lighter and woman's billfold.**

The 12th Carbide Safety Period for which the awards will be presented is the third such period of more than 1,500,000 man-hours of plant operations without a disabling injury. This year's record of working three such periods equals the 1952 mark when a similar record was established.

## Rides Wanted, Offered

**Ride Wanted Or Will Join Car Pool**—From 3126 Haggard Road, North Hills, Knoxville, to East Portal, straight day. O. H. Cutshaw, plant telephone 7365, home telephone 3-2782, Knoxville.

**Ride Wanted**—From Lenoir City, straight day. Gertrude Gentry, plant telephone 7348, home telephone 1030, Lenoir City.

**Riders Wanted**—From Knoxville to Central Parking Lot, B Shift. A. L. Franklin, plant telephone 7-8569, home telephone 7-1507, Knoxville.

**Two Riders Wanted Or Will Join Car Pool**—From Jacksboro to Bear Creek Portal, A Shift. T. W. Osborn, plant telephone 7-8251.

**Ride Wanted**—From vicinity Gettysburg and Northwestern, Oak Ridge, straight day. Jean Vaughn, plant telephone 7372, home telephone 5-4561, Oak Ridge.

**Ride Wanted**—From 19th St.,

## Joining Credit Union Easy; Provides Good Financial Umbrella

Although many Y-12ers are well aware of the thrift features of the Y-12 Employees Credit Union, officials of the organization again are pointing out the simple procedures for joining the group both for new employees and older ones who might have forgotten how easy it is to purchase shares and thereby become members of the Credit Union.

It is this simple.



Any Y-12er may purchase shares in the Credit Union immediately upon being employed. An entrance fee of 25 cents and subscription to at least one share, at \$5 each, in the organization is all that is needed to start a Y-12er on a savings road that might prove an attractive financial umbrella in less prosperous times.

Application blanks may be obtained from the Credit Union Office on the first floor of the Y-12 Cafeteria from 8 a.m. until noon on Monday, Tuesday and Thursday or from 8 a.m. to 4:30 p.m. on Friday. The applications must be approved by the board of directors, after which the applicant may arrange for purchase of shares under Credit Union regulations.

Shares may be purchased through payroll deductions if desired by the applicant.

West Knoxville, near University of Tennessee, to Central Portal, straight day. L. P. Heath, plant telephone 7-8203, home telephone 4-4267, Knoxville.

**Three Rides Wanted**—From vicinity of Sears store, Knoxville, to Central Parking Lot, D Shift. J. H. Morgan, plant telephone 7573.

## Federal Law Violations Bring Heavy Penalties

Continued from Page 1

age violations. Theft of such materials also usually involves a violation of the Atomic Energy Act licensing provisions, which in turn is a violation of the Atomic Energy Act. Theft of classified material also may involve penal provisions concerning "restricted data" or other information relating to the national defense.

Section 1361, Title 18, U. S. Code, on malicious mischief says:

"Whoever wilfully injures or commits any depredation against any property of the United States, or of any department or agency thereof, or any property which has been or is being manufactured or constructed for the United States, or any department or agency thereof, shall be punished as follows:

"If the damage to such property exceeds the sum of \$100, by a fine of not more than \$10,000 or imprisonment for not more than 10 years or both. If the damage does not exceed the sum of \$100, by a fine of not more than \$1,000 or by imprisonment for not more than one year, or both."

### False Statements Dangerous

Penalties for making false statements also can be heavy. Section 1000, Title 18, U. S. Code, says:

"Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and wilfully falsifies, conceals or covers up by any trick, scheme or device a material fact, or make any false, fictitious statements or representations, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both."

## Credit Union Members Asked To Pick Up Statements

Members of the Y-12 Employees Credit Union who have not picked up their statements of accounts for the third quarter of this year are urged to do so as soon as possible. They may be obtained from the Credit Union Office, first floor of the Y-12 Cafeteria. Office hours are from 8 a.m. until noon on Monday, Tuesday and Thursday and from 8 a.m. until 4:30 p.m. on Friday. The office is closed all day Wednesday.

## Executive Board Members To Be Elected By Wives

Six members will be elected to the executive board of the Carbide Wives at the monthly meeting of the organization tonight, Wednesday, November 17. The meeting is slated for 7:30 o'clock in the East Lounge of the Ridge Recreation Hall and in addition to the election, bridge, canasta and bingo will be played. Prizes will be

## Jaycees To Sponsor Thrilling Space Show For Youngsters

A thrilling, exciting and highly moral as well as authentic picture of the "outer space world" will be presented in play form for the entertainment of Oak Ridge children—and their parents as well—next Sunday afternoon, November 21, at the civic auditorium in the Oak Ridge High School. Curtain time for the production, "Tommy Tucker's Adventures in Outer Space," will be 2 p.m.

### Y-12er Heads Jaycee Group

The play, staged by the Edwin Strawbridge Productions, of New York, is being sponsored in Oak Ridge by the Oak Ridge Junior Chamber of Commerce. Clyde Bosser, of the Y-12 Electrical Maintenance Department, is chairman of the Jaycee group making arrangements for the show.

Expected to appear before more than 400,000 children during its nationwide tour, "Tommy Tucker's Adventures in Outer Space" is a constructive new treatment of the outer space world and space travel designed especially for younger audiences. It combines simple facts and theories of the universe with all the elements from the story world of children.

It is full of music, dancing and magic to carry out Producer Strawbridge's belief that the time has come when children should be given an opportunity to see such a constructive version of this fascinating unknown world rather than the neoviolent picture of inter-planetary warfare shown them thus far by many media of entertainment.

### Costumes, Scenes Authentic

Boys and girls who have read good technical books on space will recognize that the space suits worn by actors in the play are copies of the most recent official designs. The large space station high in the air, on which some of the play's action takes place, is exactly like the official design of Dr. Wernher von Braun, one of the world's foremost astrophysical scientists. The "moon" island, visited by Tommy's space ship, is bright with the precious metals scientists believe to be near the surface of the moon.

Such characters as The Man in the Moon, Dainty Minnie, the Cow That Jumped Over the Moon, weird Wollipogs and other inhabitants of outer space will appear during the show.

awarded and refreshments served. All wives of Carbide employees are cordially invited to attend the meeting and join the organization.

Mrs. William Penn, wife of a Y-12 employee, is the executive board member in charge of the meeting tonight. Hostesses will include Mesdames Frank H. Guymon and Frank Gragg, whose husbands work in Y-12; W. J. Munzer, Tom Gayle, H. O. Day, Jr., and P. E. Scott, hostess chairman.

A bigamist is one who loves not wisely but two well.

## Rucker Is Appointed To New Plant Post

Continued from Page 1

then was transferred back to the South Charleston plant, where he has held responsible positions that culminated in his assignment to the California post.

The new California Plant Superintendent has been a member of the Carbide organization since 1933, following his graduation from Virginia Military Institute. Born in Clifton Forge, Va., in 1911 he grew up in Danville, Va., and later moved to South Charleston, W. Va., where he completed his high school education. His native state called him back for his collegiate studies and in 1933 he graduated with a Bachelor of Science degree in chemistry from V.M.I.

That same year he was employed by Carbide at South Charleston. He first was employed in the gas separation plant there and after taking the usual training program for technical employees he soon was promoted to shift foreman.

Early in 1936 he was appointed assistant head of the gas separation department and in 1937 was placed in charge of the department. He advanced to the post of coordinator of the two gas separation plants in South Charleston in 1942.

Holding a reserve commission in the Army, when World War II came along Mr. Rucker was assigned by the War Department to take charge of the Butadiene Pilot Plant Department of Carbide's gas separation division at South Charleston.

### Assigned To Diffusion Program

In 1943 he made his first contact with the Manhattan District, being assigned to the gaseous diffusion program and working in New York City, where he was associated with Clark E. Center, now Vice President of Carbide in charge of atomic energy operations for the Atomic Energy Commission.

Mr. Rucker soon was assigned to the job of organizing a plant staff for the K-25 Plant and he also worked with the Kellogg Corporation in working out design details for that plant. On April 17, 1944, he started one of the larger units into operation at K-25.

In May, 1944, he was permanently assigned to the K-25 Plant as Process Superintendent and later became Assistant Plant Superintendent—the post he held when he was transferred to the Y-12 Plant.

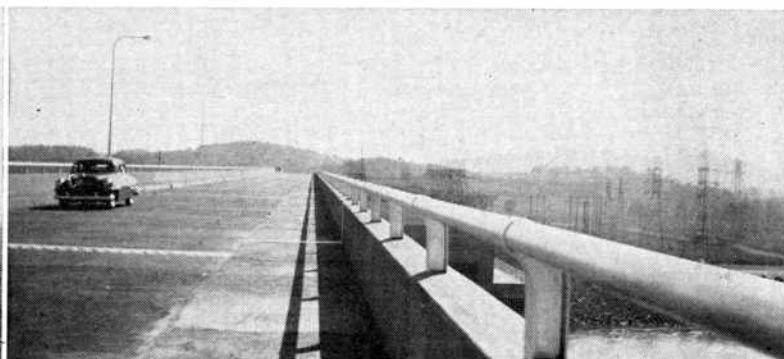
During his brief stay as Superintendent in Y-12, Mr. Rucker became well-liked by all Y-12ers who knew him, all of whom now wish him well in his new position.



"Sparky" says:  
**Don't Give Fire  
a Place to Start!**



**PAUL ZIEMKE, OF THE Y-12 SAFETY DEPARTMENT, IS QUITE A SNAPSHOT** fan on vacation trips with a hobby of photographing bridges. Above are two good pictures he made of the recently completed highway bridge across Chickamauga Dam on the Tennessee River just a few miles upstream from Chattanooga. At left is a full view of the 3,468-foot span while the



two-lane roadway is shown at right. The dam was built in 1939 and originally was designed to carry the roadway and bridge. The roadway can be widened to four lanes later if needed. The new highway and bridge ties in State Highway No. 58 from Kingston to Chattanooga and U. S. Highway No. 27 from Chattanooga northward at Red Bank.